



National Weather Service

Storm Data and Unusual Weather Phenomena



November 1999

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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WISCONSIN, Southeast

WIZ046>047-051>052-056>060-067>072 Marquette - Green Lake - Fond Du Lac - Sheboygan - Sauk - Columbia - Dodge - Washington - Ozaukee - Lafayette - Green - Rock - Walworth - Racine - Kenosha

08	1200CST	0	0	Record Warmth
10	0200CST			

Unreasonably warm air was pumped into southcentral and southeast Wisconsin for a couple days on south to southwest winds, resulting in several new record high minimums and record maximums. A surface high pressure anchored over the Ohio River Valley kept skies mostly clear over southern Wisconsin

On November 8th, Madison peaked at 74 at 1352CST, breaking the old record of 68 set back in 1915. Milwaukee peaked at 73 degrees at 1400CST, breaking the old record of 70 set back in 1931. Lake Geneva peaked at 73, which was a new daily maximum record. Other maximum temperatures across southcentral and southeast Wisconsin ranged from 70 at Janesville to 78 at Ft. Atkinson.

On November 9th, a minimum of 57 in Madison tied the old daily record high minimum set back in 1931. On this day, Madison peaked at 73 at 1352CST, breaking the old record of 70 set back in 1931. Milwaukee peaked at 75 at 1429CST, breaking the old record of 72 set back in 1931. The reading of 75 became the warmest so late in the season. Lake Geneva peaked at 74, setting a new daily maximum record. Maximum temperatures elsewhere across southcentral and southeast Wisconsin ranged from 72 at Wisconsin Dells to 76 at Hales Corner in Milwaukee County, while calendar day lows were in the lower to middle 50's. Normal highs and lows for this time of the season across southcentral and southeast Wisconsin are 45 to 50, and lower to middle 30s, respectively.

Early on November 10th, Milwaukee peaked at 65 at 0005CST, breaking the old record of 64 set back in 1949. Maximum temperatures elsewhere ranged from 58 at Kenosha to 66 at the NWS Office (MKX) 3 miles southeast of Sullivan in Jefferson County.

Washington County
Slinger

10	1545CST	0	0	Hail (0.75)
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Washington County
4 SW West Bend to
3 S Newburg

10	1635CST 1650CST	0	0	Hail (1.00)
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Scattered late-season thunderstorms developed over southeast Wisconsin and dumped hail varying from 1/4 inch to 1 inch in diameter. The hail covered the ground white from east of Big Cedar Lake east to the county line.

The storms were associated with a strong, mid-level vorticity maxima over Minnesota which moved east/southeast across southern Wisconsin. The pocket of cold air aloft set up steep lapse rates. The storms were post cold-frontal...and eyewitness reports suggested a southwestward development of the thunderstorm cells as they moved east. Rainfall amounts were .25 to 1.00 inches.

WIZ052-058-059-064>065-068>070

Sheboygan - Dodge - Washington - Jefferson - Waukesha - Green - Rock - Walworth

13	0000CST 0700CST	0	0	Fog
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Extremely dense fog developed overnight as a surface high pressure ridge moved southeast across southern Wisconsin. Earlier in the day, light rain fell across the area, which set the stage for moisture evaporation. Visibilities were reduced to zero to below 1/4 mile. Newspaper reports indicated several vehicle accidents due to poor driving visibilities.



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WISCONSIN, Southeast

WIZ046>047

Marquette - Green Lake

13

0100CST
0700CST

0

0

Fog

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WIZ046>047-051>052-
056>060-067>072

Marquette - Green Lake - Fond Du Lac - Sheboygan - Sauk - Columbia - Dodge - Washington - Ozaukee - Lafayette -
Green - Rock - Walworth - Racine - Kenosha

13

1300CST
1600CST

0

0

Record Warmth

Southwest to west surface winds pulled warm air back into Wisconsin under full sunshine, resulting in near -record or record maximum temperatures. Madison peaked at 69 at 1449CST, breaking the old record of 68 set back in 1909. At 1504CST, Milwaukee tied the old record of 69 set back in 1989. Elsewhere in southcentral and southeast Wisconsin maximum temperatures ranged from the upper 60s to lower 70s, and undoubtedly several other new daily maximum temperatures were set